



PATENT  
ATTORNEY DOCKET NO.: 046124-5085

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Takuya HOMME *et al.*

Application No.: 09/893,586

Filed: June 29, 2001

For: RADIATION DETECTION DEVICE AND  
METHOD OF MAKING SAME

)  
)  
) Confirmation No.: 5616  
)  
) Group Art Unit: 2878  
)  
) Examiner: Otilia Gabor  
)  
)

Commissioner for Patents  
U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, **Mail Stop RCE**  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO Form-1449. To the best of the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached PTO Form-1449. The relevance of the submitted non-English article can be understood from pages 7 and 8 of the specification.

Applicants would also like to bring the following information to the Examiner's attention.

Applicants submitted a copy of JP S63-215987 in the IDS dated January 30, 2004, along with an English-language abstract for that reference. Applicants wish to point out that, to the best of Applicants' knowledge, Applicants now believe that the structure disclosed in JP S63-215987 (see, for example, Fig. 1 of this document) was sold in the U.S. at least as early as 1990, except that the film of the structure apparently extended at least part of the way between the scintillator columns. In other words, such structure included a fiber plate, with CsI columns formed thereon, and film formed over, and extending at least part of the way between, the CsI columns. Applicants respectfully request that the Examiner consider this information in examining the now-pending claims.

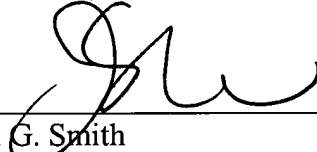
Applicants also wish to point out that other corresponding subject matter was also on sale in the U.S., but not before February 14, 1997. In this subject matter that was on sale, however, the CsI scintillator columns and covering film were formed over an image sensor, rather than just a fiber plate, and again with the film formed over, and extending at least part of the way between, the CsI columns.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such document.

**Except** for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

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Dated: June 1, 2004

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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

PTO Form 1449

Attorney Docket No.  
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PAGE 1 of 1

Filing Date: June 29, 2001

Group Art Unit: 2878

## U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	6,278,118	Aug. 21, 2001	Homme et al.	250	370.11	February 10, 1999
	6,262,422	July 17, 2001	Homme et al.	250	370.11	February 10, 1999

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Three Bond Technical News, pp. 1-10, September 23, 1992.

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.